

CLAIMS

- [c1] 1. In a communication device, a method for registering a user in a group communication network, the method comprising:
- determining an address for a location server;
 - requesting the location server to register the user; and
 - receiving a notification from the location server that the user is registered.
- [c2] 2. The method of claim 1, further including requesting the location server to authenticate the user before registering the user.
- [c3] 3. The method of claim 1, further including requesting the location server to load information about the user.
- [c4] 4. In a communication device, a computer-readable medium embodying a method for registering a user in a group communication network, the method comprising:
- determining an address for a location server;
 - requesting the location server to register the user; and
 - receiving a notification from the location server that the user is registered.
- [c5] 5. The computer-readable medium of claim 4, wherein the method further includes requesting the location server to authenticate the user before registering the user.
- [c6] 6. The computer-readable medium of claim 4, wherein the method further includes requesting the location server to load information about the user.
- [c7] 7. A communication device for registering a user in a group communication network, comprising:
- means for determining an address for a location server;
 - means for requesting the location server to register the user; and
 - means for receiving a notification from the location server that the user is registered.
- [c8] 8. The communication device of claim 7, further including means for requesting the location server to authenticate the user before registering the user.

[c9] 9. The communication device of claim 7, further including means for requesting the location server to load information about the user.

[c10] 10. A communication device for registering a user in a group communication network, the communication device comprising:

a receiver;

a transmitter; and

a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

determining an address for a location server;

requesting the location server to register the user; and

receiving a notification from the location server that the user is registered.

[c11] 11. The communication device of claim 10, the processor further being capable of requesting the location server to authenticate the user before registering the user.

[c12] 12. The communication device of claim 10, the processor further being capable of requesting the location server to load information about the user.

[c13] 13. In a server, a method for registering a user in a group communication network, the method comprising:

receiving a request for an address for a location server;

providing the address for the location server;

receiving a request for registering the user at the location server;

registering the user; and

providing a notification that the user is registered.

[c14] 14. The method of claim 13, wherein said registering further includes authenticating the user before registering the user.

[c15] 15. The method of claim 13, further including loading information about the user.

[c16] 16. In a server, a computer-readable medium embodying a method for registering a user in a group communication network, the method comprising:

- receiving a request for an address for a location server;
- providing the address for the location server;
- receiving a request for registering the user at the location server;
- registering the user; and
- providing a notification that the user is registered.

[c17] 17. The computer-readable medium of claim 16, wherein said registering further includes authenticating the user before registering the user.

[c18] 18. The computer-readable medium of claim 16, wherein the method further includes loading information about the user.

[c19] 19. A server for registering a user in a group communication network, comprising:

- means for receiving a request for an address for a location server;
- means for providing the address for the location server;
- means for receiving a request for registering the user at the location server;
- means for registering the user; and
- means for providing a notification that the user is registered.

[c20] 20. The server of claim 19, wherein said means for registering further includes means for authenticating the user before registering the user.

[c21] 21. The server of claim 19, further including means for loading information about the user.

[c22] 22. A server for registering a user in a group communication network, the server comprising:

- a receiver;
- a transmitter; and
- a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

- receiving a request for an address for a location server;

providing the address for the location server;
receiving a request for registering the user at the location server;
registering the user; and
providing a notification that the user is registered.

[c23] 23. The server of claim 22, the processor further being capable of authenticating the user before registering the user.

[c24] 24. The server of claim 22, the processor further being capable of loading information about the user.

[c25] 25. A server for registering a user in a group communication network, the server comprising:

a first server for maintaining location information;
a second server for registering the user based on the location information provided by the first server; and
a third server for loading information about the user after said registering the user.

[c26] 26. The server of claim 25, wherein the second server further authenticates the user.

[c27] 27. The server of claim 25, wherein the second server further notifies the user after said registering is complete.

[c28] 28. In a communication device, a method for un-registering a user in a group communication network, the method comprising:

requesting a location server to un-register the user; and
receiving a notification from the location server that the user is unregistered.

[c29] 29. The method of claim 28, further including requesting the location server to authenticate the user before unregistering the user.

[c30] 30. The method of claim 28, further including requesting the location server to remove information about the user.

- [c31] 31. In a communication device, a computer-readable medium embodying a method for unregistering a user in a group communication network, the method comprising:
requesting a location server to un-register the user; and
receiving a notification from the location server that the user is unregistered.
- [c32] 32. The computer-readable medium of claim 31, wherein the method further includes requesting the location server to authenticate the user before unregistering the user.
- [c33] 33. The computer-readable medium of claim 31, wherein the method further includes requesting the location server to remove information about the user.
- [c34] 34. A communication device for unregistering a user in a group communication network, comprising:
means for requesting a location server to unregister the user; and
means for receiving a notification from the location server that the user is unregistered.
- [c35] 35. The communication device of claim 34, further including means for requesting the location server to authenticate the user before unregistering the user.
- [c36] 36. The communication device of claim 34, further including means for requesting the location server to remove information about the user.
- [c37] 37. A communication device for unregistering a user in a group communication network, the communication device comprising:
a receiver;
a transmitter; and
a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:
requesting a location server to un-register the user; and
receiving a notification from the location server that the user is unregistered.
- [c38] 38. The communication device of claim 37, the processor further being capable of requesting the location server to authenticate the user before unregistering the user.

[c39] 39. The communication device of claim 37, the processor further being capable of requesting the location server to remove information about the user.

[c40] 40. In a server, a method for registering a user in a group communication network, the method comprising:

receiving a request for unregistering the user;
unregistering the user; and
providing a notification that the user is unregistered.

[c41] 41. The method of claim 40, further including authenticating the user before unregistering the user.

[c42] 42. The method of claim 40, further including removing information about the user.

[c43] 43. In a server, a computer-readable medium embodying a method for unregistering a user in a group communication network, the method comprising:

receiving a request for unregistering the user;
unregistering the user; and
providing a notification that the user is unregistered.

[c44] 44. The computer-readable medium of claim 43, wherein the method further includes authenticating the user before unregistering the user.

[c45] 45. The computer-readable medium of claim 43, wherein the method further includes removing information about the user.

[c46] 46. A server for unregistering a user in a group communication network, comprising:
means for receiving a request for unregistering the user;
means for unregistering the user; and
means for providing a notification that the user is unregistered.

[c47] 47. The server of claim 46, further including means for authenticating the user before unregistering the user.

[c48] 48. The server of claim 46, further including means for removing information about the user.

[c49] 49. A server for unregistering a user in a group communication network, the server comprising:

a receiver;

a transmitter; and

a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

receiving a request for unregistering the user;

unregistering the user; and

providing a notification that the user is unregistered.

[c50] 50. The server of claim 49, the processor further being capable of authenticating the user before unregistering the user.

[c51] 51. The server of claim 49, the processor further being capable of removing information about the user.

[c52] 52. A server for unregistering a user in a group communication network, the server comprising:

a first server for unregistering the user; and

a second server for removing information about the user after said unregistering the user.

[c53] 53. The server of claim 52, wherein the first server further authenticates the user before said unregistering the user.

[c54] 54. The server of claim 52, wherein the first server further notifies the user after said unregistering is complete.